

## **Summary of the June 7, 2018, NSF/CISE Workshop for Department Chairs on Broadening Participation in Computing (BPC)**

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The National Science Foundation's (NSF) Directorate for Computer & Information Science & Engineering (CISE) held a workshop for university department chairs on June 7-8, 2018, in Alexandria, VA.

The workshop was an opportunity to share information on CISE's Broadening Participation in Computing (BPC) pilot effort, and allowed discussion about ongoing BPC activities within the community. The nearly 25 attendees represented a range of academic institutions from large research universities to small liberal arts colleges, and included historically black colleges and universities and minority serving institutions.

Attendees first introduced themselves, providing examples of meaningful broadening participation activities at their home institutions. They were then provided with information about the mission and goals of the NSF/CISE BPC pilot effort, and then spent the remainder of the meeting in breakout sessions discussing challenges and effective practices in BPC.

The overview of the BPC pilot effort included information on:

**Purpose:** Encourage the research community to engage in meaningful activities to broaden participation in computing.

**Target audience:** The BPC effort aims to address the longstanding underrepresentation of various populations – women, African Americans, Hispanics, American Indians, Alaska Natives, Native Hawaiians, Native Pacific Islanders, and persons with disabilities – in computing.

**NSF programs involved:** This pilot currently involves CISE's core research programs in its Computer and Network Systems, Computing and Communication Foundations, and Information and Intelligent Systems divisions and the Office of Advanced Cyberinfrastructure, as well as the Secure and Trustworthy Cyberspace (SaTC) and Cyber-Physical Systems (CPS) programs. Beginning with deadlines in fall 2018, CISE's BPC pilot calls on each Medium and Large core, SaTC, and CPS project to have an approved BPC plan by the time of award. Per the solicitations, "CISE will work with each principal investigator (PI) team following merit review and prior to making an award to ensure that plans are meaningful and include concrete metrics for success..."

**Approach:** Conversations from the breakouts centered on departmental plans for BPC. Such plans could help individual researchers participate in BPC activities that would be scalable, measurable, and sustainable. A collective impact approach, in which existing activities could be leveraged and expanded, was also discussed – and many agreed this could be a central component to accomplishing BPC.